
S-1432-L

Water Based Polyurethane Dispersion

Product Description

- NMP free and APEO free
- Excellent chemical resistance
- Adhesion to a variety of substrates
- Hard film with extremely high clarity
- For use as coating for synthetic textiles and top coat for wood, plastics, flooring

Product Properties

Solids (%): 36-38
VOC (g/L): 10-20
Gloss (%) @ 60°: 70-100

Film Properties

Tensile (D-882, psi): 4840
Elongation (D-882, %): 331
Pencil Hardness (D-3363): HB

Substrate Cross-Cut Adhesion

Cold Roll Steel-unpolished: 5B
Aluminum-untreated: 3B
Brass-untreated: 5B
HDPE-untreated: 0B

ABS-untreated: 0B
Polycarbonate-untreated: 0B
Nylon-untreated: 5B

Chemical Resistance

(5 = no damage. Films dried for 15 minutes at 80°C, then equalized at room temp. for 7 days. Tested using ASTM D-1308)

Water: 5
Acetic Acid: 5
Methyl Ethyl Ketone: 3
2-Propanol: 5
Gasoline: 5

Synthetic Natural Polymers

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